

Serial No. 10/620987

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): **Angeliki Alexiou**  
**Mohammed Qaddi**

Case: **4-2**

Serial No.: **10/620987**

Filing Date: **July 16, 2003**

Examiner: Group Art Unit: **2681**

Title: **Method And Apparatus For Transmitting Signals In A Multi-Antenna  
Mobile Communications System That Compensates For Channel  
Variations**

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

**INFORMATION DISCLOSURE STATEMENT**  
**CERTIFICATION UNDER 37 CFR 1.97(c)(1)**

In accordance with 37 CFR 1.97(c)(1), the enclosed Information Disclosure Statement, with attached reference(s), is submitted for consideration in the above-identified application.

I certify that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. Copies of the listed documents are enclosed together with the search report that listed these documents.

**NO FEE IS REQUIRED**

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Lucent Technologies Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

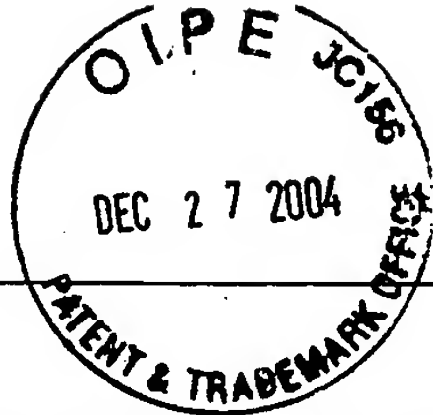
*Handwritten signature of Stephen M. Gurey*  
**Stephen M. Gurey, Attorney**  
Reg. No. 27,336  
(973) 386-8252

Date: *DEC 16, 2004*

**Docket Administrator (Room 3J-219)**  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on December *21*, 2004.

*Handwritten signature of Rose E. Ewald*  
Rose E. Ewald



<b>INFORMATION DISCLOSURE STATEMENT</b>	Case Name.	A. Alexiou 4-2
	Serial No.	10/620987
	Applicant:	A. Alexiou, et al.
	Filing Date:	July 16, 2003
	Group:	2681

**U.S. PATENT DOCUMENTS**

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation
	AA	WO 01/69800	9/20/2001	PCT	H04B		YES

**OTHER (including Author, Title, Date, Pertinent Pages, etc.)**

	AB	Shengli Zhou, et al, "Optimal Transmitter Eigen-Beamforming and Space-Time Block Coding Based on Channel Mean Feedback," <i>IEEE Transactions on Signal Processing</i> , IEEE, Inc. New York, Vol. 50, No. 10, (10/02), pp. 2599-2613.
	AC	Alexander Seeger, et al, "Performance of Downlink Eigenbeamformer with Realistic Feedback Transmission," <i>IEEE Vehicular Technology Conference</i> , NY, Vol. 1 of 4, Conf. 54, (10/7/01), pp. 1269-1273.
	AD	European Search Report

\*\*\*References listed beyond AZ would list as AA-1, AB-2, AC-3 thru AZ-26.

\*\*\*Note First Page ONLY Header/Footer. Subsequent pages must ONLY have page # layout as header

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>

**\*Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant